

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 440WO		of Transmittal of International Search Report 20) as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/GB 00/01303	06/04/2000	06/04/1999
Applicant		
RENISHAW PLC et al.		<u> </u>
This International Search Report has bee according to Article 18. A copy is being tr	n prepared by this International Searching Auth ansmitted to the International Bureau.	nority and is transmitted to the applicant
This International Search Report consists X It is also accompanied by	of a total of sheets. a copy of each prior art document cited in this	report.
Basis of the report		
 With regard to the language, the language in which it was filed, un 	international search was carried out on the bas less otherwise indicated under this item.	sis of the international application in the
the international search w Authority (Rule 23.1(b)).	vas carried out on the basis of a translation of th	ne international application furnished to this
With regard to any nucleot de ar was carried out on the basis of th	nd/or amino acid sequence disclosed in the inte	ternational application, the international search
	onal application in written form.	
	rnational application in computer readable form	n.
	this Authority in written form.	
	this Authority in computer readble form. osequently furnished written sequence listing do	nes not an housed the disclosure in the
international application a	is filed has been furnished.	ses not go beyond the disclosure in the
the statement that the info furnished	ormation recorded in computer readable form is	identical to the written sequence listing has been
	nd unsearchable (See Box I).	
3. Unity of Invention is lac	king (see Box II).	
4. With regard to the title,		
X the text is approved as su	bmitted by the applicant.	
the text has been establis	hed by this Authority to read as follows:	
5. With regard to the abstract,		
X the text is approved as su	bmitted by the applicant.	
	hed, according to Rule 38.2(b), by this Authority date of mailing of this international search repo	
6. The figure of the drawings to be publ	ished with the abstract is Figure No.	2
X as suggested by the appli	cant.	None of the figures.
because the applicant fail		
because this figure better	characterizes the invention.	

nternational Application No.

Relevant to claim No.

1 2 4

A. CLASSIFICATION OF SUBJECT MATTER

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Category *

Minimum documentation searched (classification system followed by classification symbols) $IPC\ 7\ G01B$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

Citation of document, with indication, where appropriate, of the relevant passages

US 5 118 956 A (DUNNING CHRISTOPHER C ET

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

^	AL) 2 June 1992 (1992-06-02) cited in the application column 5, line 9 -column 5, lir figure 3		1,2,4
X	DE 42 44 240 A (ZEISS CARL FA) 30 June 1994 (1994-06-30) column 2, line 57 -column 3, li figure 3	ne 65;	1,2,4
X Furt	US 5 103 572 A (RICKLEFS UBBO) 14 April 1992 (1992-04-14) cited in the application column 3, line 62 -column 4, li figures 1,5	ne 48; -/ X Patent family members are listed	1,2,4,5
"A" documer consider the earlier filing of "L" documer which citatio "O" documer other "P" documer later the Date of the	integenes of cited documents: ent defining the general state of the art which is not bered to be of particular retevance document but published on or after the international state in the particular state of the particular	The later document published after the interpretation of the analysis of conflict with chied to understand the principle or the invention. document of particular relevance, the cannot be considered novel or cannot be considered novel or cannot example to the cannot be considered for novelve an immense special considered to revoke an immense, such combination being obvior in the art. 3. document member of the same patent. Date of mailing of the international sec	the application but soon underlying the laimed invention be considered to cument is taken alone cument is taken alone laimed invention the ventive step who to— be to a preson skilled family
Name and	mailing address of the ISA	Authorized officer	

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European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31~70) 340–2040, Tx. 31 651 epo nl.

Bevfuß, M

nternational Application No PCT/GB 00/01303

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
(US 4 574 199 A (PRYOR TIMOTHY R) 4 March 1986 (1986-03-04) cited in the application column 2, line 58 -column 3, line 32; figure 1	1,4
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nformation on patent family members

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	itent document I in search repor	t	Publication date		Patent family member(s)	Publication date
US	5118956	Α	02-06-1992	EP JP	0415579 A 3223609 A	06-03-1991 02-10-1991
DE	4244240	Α	30-06-1994	NONE		
US	5103572	A	14-04-1992	DE DE EP JP	3920716 C 59000402 D 0405176 A 3042505 A	29-11-1990 03-12-1992 02-01-1991 22-02-1991
US	4574199	Α	04-03-1986	US	4792698 A	20-12-1988

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01B11/00

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EPO-Internal, WPI Data

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
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X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.		
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filling date. "I" document which may threw doubte on printly claim(s) or cuted to the control of the control	"I later document published after the intensitional filting date or british action and on its mortified with the application but obtained to understand the principle or theory underlying the invention." "I document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "I document of particular relevance; the claimed invention cannot be considered relevance; the claimed invention cannot be considered to involve an inventive step when the ments, such combination being obvious to a person skilled in the art. "I document member of the same putent family		
Date of the actual completion of the international search	Date of mailing of the international search report		
14 July 2000	26/07/2000		
Name and mailing address of the ISA	Authorized officer		
European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Beyfuβ, M		



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	ntion) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication,where appropriate, of the relevant passages	Relevant to claim No.	
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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01B11/00

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gure 3	
42 44 240 A (ZEISS CARL FA) June 1994 (1994-06-30) lumn 2, line 57 -column 3, line 65; gure 3	1,2,4
5 103 572 A (RICKLEFS UBBO) April 1992 (1992-04-14) ted in the application lumn 3, line 62 -column 4, line 48; gures 1,5 -/	1,2,4,5
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Special categories of cited documents: 'A' document defining the general state of the set which is not considered to be of particular relevance 'E' seafler document but published on or after the international filling date. 'L' document which may threw doctor on priority claims() or coursest which may threw doctor on priority claims() or categories of the priority of the international filling date but leater than the priority date datemed	17 later document publishes after the "reternational Bing data characteristics of the condition with a speciation but chart to understand it in condition with supplication but chart to understand the principle or theory underlying the invention. 17 document of particular relevance; the claimed invention carnet be considered once of control be considered on once of control be considered to considered to the considered once of the control of the considered once of the considered once of the control of the considered once of the control of the considered once of the considered once of the control of t
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Name and mailing address of the ISA European Patent Office, P.B. 5916 Patentiaen 2 N. – 2250 HV Rijewijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fact (+31-70) 340-3016	Authorized officer Beyfuß, M



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	RION) DOCUMENTS CONSIDERED TO BE RELEVANT		Indiana a dise
-Jory .	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
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